

ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION

DESIGN
STATEMENT OF QUALIFICATIONS PACKAGE
FOR CONTRACT NO. 07-04

SR 89,Center Street to South Chino Valley Limits
TRACS No. 089 YV 324 H6701 01D
(Construction Manager at Risk Design Project)



November 2006

STATEMENT OF QUALIFICATIONS PACKAGE FOR

CONTRACT NO. 07-04
SR 89,Center Street to South Chino Valley Limits
Roadway Reconstruction
TRACS No. 089 YV 324 H6701 01D
(Construction Manager at Risk Design Project)

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SECTION I
PUBLIC ADVERTISEMENT

FOR PUBLICATION NOVEMBER 1, 2006 and NOVEMBER 8, 2006
IN THE EAST VALLEY TRIBUNE

ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION

PUBLIC NOTICE FOR CONSULTANTS INTERESTED IN PROVIDING
ENGINEERING DESIGN SERVICES FOR
SR 89,CENTER STREET TO SOUTH CHINO VALLEY LIMITS
(CONSTRUCTION MANAGER AT RISK DESIGN PROJECT)
IN
YAVAPAI COUNTY

ECS CONTRACT NO. 07-04
TRACS No. 089 YV 324 H6701 01D

Statements Due: NOVEMBER 29, 2006

The Arizona Department of Transportation is accepting Statements of Qualifications from firms to provide professional engineering services for the above referenced project.

Statements of Qualifications will be received until 4:00 p.m. Arizona Time on the above referenced date at ADOT Engineering Consultants Section, 205 South 17th Avenue, Room 293E, Mail Drop 616E, Phoenix, Arizona 85007. No Statements will be accepted after the time specified.

For further information contact ADOT Engineering Consultants Section, (602) 712-7525 or www.azdot.gov/Highways/ECS/. Statement of Qualification packages for Contract No. 07-04 are available for pickup at the ADOT Engineering Building, 205 South 17th Avenue, Room 293E, Phoenix, Arizona 85007.

SECTION II
INFORMATION COPY TO CONSULTANTS

ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION

INFORMATION COPY TO CONSULTANTS

REQUEST FOR STATEMENTS OF QUALIFICATION FOR
CONSULTANTS INTERESTED IN PROVIDING
ENGINEERING DESIGN SERVICES FOR
SR 89, CENTER STREET TO SOUTH CHINO VALLEY LIMITS
(Construction Manager at Risk Design Project)
IN
YAVAPAI COUNTY

ECS CONTRACT NO. 07-04

TRACS NO. 089 YV 324 H6701 01D

Statements Due: NOVEMBER 29, 2006

Statements of Qualifications expressing interest in the project will be received until 4:00 P.M. (Arizona Time) on the date shown above, at the office of Engineering Consultants Section, 205 South 17th Avenue, Room 293E, Mail Drop 616E, Phoenix, Arizona 85007. No Statements will be accepted after the time specified.

Statements will be accepted from any firm or corporation that is properly registered with the Arizona Board of Technical Registration and that has a principal or officer responsible for this contract who is properly registered with the Arizona Board of Technical Registration at the time the Statements of Qualifications are due.

One firm will be selected to provide professional engineering services for the design of SR 89 widening to a four lane section with a raised curbed median, Center Street to South Chino Valley Limits. This project is a Construction Manager at Risk (CMAR) process design project and it is necessary for the consultant to work with the CMAR during the design of this project.

The consultant may be required to perform services including, but not limited to: roadway design, hydrology and drainage design, traffic design, signing and pavement marking design, erosion and sediment control design, cross sections, special provisions, construction estimates, attend public information meeting and post design services

Effective this date, November 1, 2006, no further contact is allowed with the Project Manager with the following exception.

In lieu of a Pre-Submittal meeting, the Department has chosen the option to dedicate the week of November 6, 2006 to allow any firm to make an appointment with Mike Andazola, Project Manager, telephone (602) 712-7629, for a maximum of one hour. At that time, the Project Manager will answer the consultant's specific questions.

Questions of an administrative or contractual nature can be directed to Nina Stanley, Contract Management Specialist, Engineering Consultants Section, telephone (602) 712-7851.

The Engineering Consultants Section Statement of Qualifications format for Contract No. 07-04 shall be followed when expressing interest in this project. The Statement of Qualifications package, or information regarding same, may be obtained from the address shown above, telephone (602) 712-7525. Statements of Qualifications not following the correct format will be rejected.

In order to qualify for selection, a firm must have on file with the Department a current "Prequalification Statement" or submit same with the Statement of Qualifications. Prequalification Statement forms may be obtained from the address shown above, telephone (602) 712-7525.

The Department may select 3 to 5 firms from among those submitting Statements of Qualifications for further consideration to participate in an oral interview as part of the selection process. Previous experience in Alternative Project Delivery Methods (APDM) project experience, particularly CMAR projects will be a factor in the selection.

The selected consultant and its subconsultants will be required to submit the Consultant Audit Questionnaire and comply with the Advance Agreement Checklist as detailed in Section IX of the SOQ Package.

All material submitted in accordance with this solicitation becomes the property of the State of Arizona.

Lobbying certification/disclosure certification statement will be required in the introductory letter from those submitting Statements of Qualifications.

The right is reserved by the Department to reject any and all Statements of Qualifications.

Professional Liability Insurance will be required.

The Terms and Conditions of this contract (other than compensation rates) are not negotiable.

Partnerships (joint-ventures) will not be considered.

After the Department makes the final selection, review of the successful Proposal will be allowed but copying is not permitted.

Inclusion of work hour and/or plan sheet estimates in the Statement of Qualifications (SOQ) will not be allowed.

SECTION III

STATEMENT OF QUALIFICATIONS
FORMAT INSTRUCTIONS

ENGINEERING CONSULTANTS SECTION
STATEMENT OF QUALIFICATIONS FORMAT INSTRUCTIONS
CONTRACT NO. 07-04

Provided for your use is the format for submission of a Statement of Qualification.

1. 6 Copies of the Statement of Qualifications are required by ADOT.
2. There is a total page limit of 14 pages. The proposal may include clear report covers, covers, dividers, table of contents, tables, figures, maps, etc., but these must fit within the 14 page limit. A page shall be 8 1/2 X 11 inches, blank, or printed on one side only. Fold out pages are not allowable.
3. The SOQ proposal must follow the format outlined below:

	<u>FORMAT CONTENT</u>	<u>MAXIMUM POINTS</u>	<u>TOTAL NUMBER OF PAGES</u>
	FRONT COVER (Optional, but if included will count as a page)		
PART A	INTRODUCTORY LETTER		
PART B	EVALUATION CRITERIA May include information to support Criteria.		
	1. Project Understanding & Approach	40	
	2. Project Team	40	
	3. Firms Capability	20	
PART C	CONSULTANT FIRM INFORMATION PAGE		
	BACK COVER (Optional, but if included will count as a page)		
		<u>TOTAL POINTS</u>	<u>TOTAL PAGES</u>
	TOTAL POINTS	100	<u>14</u>

4. Any amendments issued on the SOQ and included in the SOQ, as required, will not be counted as pages.
5. Submissions failing to follow all instructions outlined above will be rejected and the Consultant notified in writing of the reason(s) for rejection.

ENGINEERING CONSULTANTS SECTION
Statement of Qualifications
Format and Evaluation Criteria
for Contract No.07-04

The following describes more specifically, the content of each part.

PART A, INTRODUCTORY LETTER

The introductory letter should be addressed to:

Arizona Department of Transportation
Engineering Consultants Section
205 South 17th Avenue
Room 293E, Mail Drop 616E
Phoenix, Arizona 85007

The introductory letter should contain the following items:

- An expression of the firm's interest in being selected for the project.
- A statement that the firm is pre-qualified with ADOT, or that the necessary pre-qualification information is being submitted with the proposal.
- A statement confirming the commitment of the key personnel identified in the submittal to the extent necessary to meet ADOT's quality and schedule expectations.
- Provide name and Professional Engineers registration number of the principal or officer responsible for this contract who is properly registered with the Arizona Board of Technical Registration at the time the Statements of Qualifications are due.
- A summary of key points regarding the firm's qualifications.
- A statement that the Consultant certifies, by signing and submitting this proposal to the best of his or her knowledge and belief, that no Federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned for the purpose of lobbying (Refer to Section V).

PART B, EVALUATION CRITERIA

The information that should be included in the discussion of qualifications is outlined here.

1. Project Understanding and Approach
 - a. Discuss generally the tasks involved in this project. Identify any special issues or problems that are likely to be encountered. Demonstrate clearly and concisely your understanding of the technical and institutional elements with which the consultant must deal.
 - b. Outline your proposed approach for dealing with the tasks and issues of this project. Provide a tentative schedule indicating the duration and functional relationship of major tasks and key events. A graphical depiction may be included with the evaluation criteria.
 - c. Explain your firm's approach to this project as related to the Construction Manager at Risk concept and demonstrate your understanding of the process. Discuss past experiences with CMAR both good and bad. Discuss how the experience was handled.
 - d. Discuss past experience with other alternative project delivery methods. Discuss how the experience was handled.

2. Project Team

Identify your proposed project team and its collective qualifications for this particular project. In particular, discuss the following:

- a. **Project Principal.** Identify the person who (1) will be responsible for ensuring that adequate personnel and other resources are made available for this project; (2) will handle contractual matters, and; (3) will be ultimately responsible for the quality and timeliness of the consultant's performance. State that person's position and authority within the firm. Discuss previous similar projects for which that person has performed a similar function.
- b. **Project Manager.** State who will actively manage this project. Identify any projects that person will be involved with concurrently and time committed to each project. List recent similar projects for which that person has performed a comparable function and their adherence to project budget and schedule. Discuss relevant experience, professional registrations, education and other components of qualifications applicable to this project. List past CMAR project experience.
- c. **Project Engineer(s) and/or Other Key Personnel.** Identify other members of the project team including subconsultants who provide special expertise or will perform key tasks. Describe their anticipated roles. Discuss their relevant experience, registration, education and other elements of qualification applicable to this project. List past CMAR project experience.
- d. **Construction Cost Estimator.** Specify who will be responsible for construction cost estimating and that persons' relative experience on projects similar to the one being submitted on.

3. Firm Capability

- a. Discuss recent relevant experience of the firm. Projects listed should be similar in nature to the current project and to the extent possible, involve team members proposed for this project. Specify whether they were an Alternative Project Delivery Method process project, particularly CMAR.
- b. Discuss quantitatively how this project would impact the current and anticipated workload of the office, which will perform this work. If "staffing up" will be necessary, discuss which areas and how that would be accomplished.
- c. Describe any special equipment, software or other resources your firm has which will enhance your ability to accomplish this project. If you propose to use CADD, describe the applicable training and experience of your staff and identify any previous projects for which you have used CADD.
- d. Describe your internal procedures for developing, monitoring and maintaining project schedules and budgets.
- e. Describe your internal quality control procedures.
- f. Describe any notable expertise, increase in capacity or other special capabilities of your subconsultants that are critical to your proposal.
- g. Describe how your quality program would enhance the development of this project.

PART C, CONSULTANT FIRM INFORMATION SHEET

Complete the form provided or a facsimile thereof and include as a part of your submittal.

ENGINEERING CONSULTANTS SECTION
Proposal Evaluation Form

Questions, which the review panel will generally be seeking to answer in their evaluation, are listed here. The maximum points available for each category are indicated, though the relative weighting of items within each category is up to the discretion of the individual reviewers.

1. PROJECT UNDERSTANDING AND APPROACH (Maximum 40 points)

- Does the consultant understand the nature and scope of the project and the major tasks and issues that will need to be addressed?
- Has the consultant correctly identified any special problems that are likely to be encountered?
- Does the consultant appreciate the interrelation and relative importance of the various project issues?
- Has the consultant's understanding of the project been expressed clearly and concisely?
- Has the consultant proposed logical approaches for dealing with the project tasks and issues?
- Does the schedule incorporate all the major tasks and events? Does it reflect the interrelationship of important project elements and events? Is the proposed timing realistic?
- Does the consultant understand its responsibilities for the project?
- Does the consultant understand the CMAR process and how it relates to this project?

2. PROJECT TEAM (Maximum 40 points)

- What is the level of ability and experience of the proposed project manager? What is the person's record of accomplishing similar projects in the past in terms of (1) quality of work?, (2) Meeting schedules, (3) responsiveness to special needs and concerns of the client? Is this individual familiar with specific ADOT standards and procedures?
- Does the person identified as ultimately responsible for the consultant's performance have the authority necessary to commit firm resources, and to act on behalf of the consultant regarding contractual matters and disputes? What is this person's experience and record of performance on past projects of similar type and magnitude? Has this individual been responsive to ADOT and/or other clients in the past?
- Do other key members of the project team (including subconsultants) provide the range and level of expertise necessary to deal with the scope of this project? Are these individuals familiar with specific ADOT standards and procedures? Have they worked together as a team before?
- Specify who will be responsible for construction cost estimating and that persons relative experience on projects similar to the one being submitted on.
- Do the key members of the project team have the experience and knowledge in CMAR methods?
- Do the key members of the project team have the experience and knowledge in other alternative project delivery methods?

3. FIRM CAPABILITY (Maximum 20 points)

- What level of experience relevant to this project does the consultant have? Are the firm's employees with the relevant experience participating in this project? Is the consultant familiar with ADOT standards and procedures? Has the firm shown a particular commitment to this type of work?
- Has the consultant provided quantitative data indicating that qualified personnel will be available for this project? Does the consultant realistically have the ability to add qualified staff if needed for this project or other projects that happen to come on line before this project is completed?
- Will this project benefit from the use of CADD? If so, does the consultant have the type and amount of CADD equipment appropriate for this project? Is the consultant's staff suitably trained and experienced in the use of CADD? Has the consultant successfully used CADD on past ADOT or similar projects?
- Does the firm have other special equipment or software that will be beneficial to this project? Are current staff members familiar with its use? Has it been used successfully before on ADOT or other similar projects?
- Is the consultant's approach for developing and maintaining the project budget and schedule sound? Has the consultant used these procedures successfully on ADOT or similar projects in the past? Are proposed measures to avoid or make up slippage on the schedule realistic?
- Is the consultant's quality control program suitable? Has it been used successfully by the consultant on ADOT or similar projects in the past?
- If one or more subconsultants are critical to the consultant's proposal, do these firms have the technical expertise, available personnel and record of performance appropriate for their anticipated roles?
- Does the firm appear capable of providing a quality CMAR project?

F.

CONTRACT NO. _____

**STATEMENT OF QUALIFICATIONS/SELECTION
PANEL COMMENT FORM**

FIRM NAME _____ # _____

PANEL MEMBER _____ # _____

1. PROJECT UNDERSTANDING AND APPROACH

What did you like about the firm's understanding and approach?

What did you dislike about the firm's understanding and approach?

What did you think about the way the firm handled special problems and/or special situations?

What did you think about the schedule?

Does the consultant understand the CMAR process and how it relates to this project?

What parts of the understanding and approach did you think were well done?

What suggestions would you make to the firm to improve this section for the next time?

SCORE (40 Maximum) _____

F. PANEL COMMENT FORM - PAGE TWO

FIRM NAME _____ # _____

PANEL MEMBER _____ # _____

2. PROJECT TEAM

Team Strengths:

Team Weaknesses :

How are the team member's qualifications geared to this specific CMAR project?

SCORE (40 Maximum) _____

3. FIRM'S CAPABILITIES

Firm's strong areas as related to this CMAR project :

Firm's weak areas as related to this CMAR project:

FIRM NAME _____ # _____

PANEL MEMBER _____ # _____

3. FIRM'S CAPABILITIES, CONTINUED

How did the firm fit the subconsultant's qualifications/duties into overall picture?

SCORE (20 Maximum) _____

(SCORES ARE TO BE ENTERED AND TOTALED ON SCORE SHEET)

=====

OTHER:

Any comments on the format and presentation of the SOQ?

Any other comments or suggestions?

SECTION IV

CONSULTANT FIRM INFORMATION PAGE

PART C - CONSULTANT FIRM INFORMATION PAGE

CONTRACT NO.: _____

CONTACT PERSON: _____

E-MAIL ADDRESS: _____

CONSULTANT FIRM: _____

ADDRESS: _____

CITY, STATE ZIP: _____

TELEPHONE: _____

FAX NUMBER: _____

ADOT CERTIFIED DBE FIRM? _____

AFFIRMATIVE ACTION ON FILE WITH ADOT? _____

SUBCONSULTANT(S)	TYPE OF WORK	ADOT CERTIFIED DBE FIRM
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

NOTE: The Consultant Firm Information Page must be a separate full page and is included in the total page count. This page is not evaluated by the Selection Panel, but is used by Engineering Consultants Section for administrative purposes.

SECTION V
LOBBYING CERTIFICATION

Lobbying Certification

The Consultant certifies, by signing and submitting this proposal (see statement in “Introductory Letter”), to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract grant, loan, or cooperative agreement.
- (2) If any funds other than Federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions. Copies of Form-LLL “Disclosure Form to Report Lobbying”, are available at ADOT Engineering Consultants Section, 205 S. 17th Avenue, Mail Drop 616E, Room 293E, Phoenix, AZ 85007.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000.00 and not more than \$100,000.00 for each such failure.

The proposer also agrees, by submitting its proposal, that it shall require that the language of this certification be included in all subcontracts and lower tier subcontracts which exceed \$100,000 and that all such subcontracts and lower tier subcontractors shall certify and disclose accordingly.

The Department will keep the Consultants certification on file as part of its original proposals. The Consultant shall keep individual certifications from all subcontractors and lower tier subcontractors on file. Certifications shall be retained for 3 years following completion and acceptance of any given project.

Disclosure forms for the Prime Consultant and or its subcontractors and lower tier subcontractors shall be submitted to the Contract Manager at the date Statements of Qualifications are due, when said subcontracts exceed \$100,000. During the performance of the contract the Consultant and any affected subcontractors shall file revised disclosure forms at the end of each calendar year quarter in which events occur that materially affect the accuracy of any previously filed disclosure form. Disclosure forms will be submitted by the Contract Manager to the Federal Highway Administration for further processing.

SECTION VI

ADOT EMPLOYEE POST EMPLOYEE EMPLOYMENT RESTRICTIONS

SUPPLEMENTAL SERVICES RESTRICTIONS

SECTION VII

PROJECT SUMMARY
REFERENCE MATERIAL AVAILABILITY

REFERENCE MATERIAL
FOR
CONTRACT NO. 07-04
SR 89, Center Street to South Chino Valley Limits
TRACS No. 089 YV 324 H6701 01D
(Construction Manager at Risk Design Project)

The following documents regarding this project will be available at the following location for the Consultant to review:

FTP://FTP.AZDOT.GOV/

User Name: ECS
Password: Ecs_01
(case sensitive)

1. SR89, Center Street to South Chino Valley Limits
Project Assessment
Dated November 2005
2. Initial Geotechnical Evaluation
Pavement Design Summary and Materials Design Report
May 2005
3. Traffic Report
November 2004

SECTION IX

ADVANCE AGREEMENT CHECKLIST

**ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION
ADVANCE AGREEMENT CHECK LIST
(See FAR 31.109)**

1. Direct Labor

Direct labor will be billed at actual costs, as defined in FAR 31.001, unless a specific classification or individual's billing rate is capped. However, for partners, sole proprietors and Limited Liability Companies (LLCs) where owners may not be paid an hourly wage or salary, direct labor will be billed at rates agreed to by ADOT. (Also see **Compensation for Personal Services**.)

Only the pay rates of those employees who will likely be expected to be directly involved on the Project stated in the Contract can be used in developing cost proposal rates.

2. Home Office Allocations or Similar Allocated Costs

FAR 31.109(h)(14) states, "General and administrative costs (e.g., corporate, division, or branch allocations) attributable to the general management, supervision, and conduct of the contractor's business as a whole." These costs may represent a significant portion of indirect (Overhead) costs.

All Cost Principles addressed in the Contract Cost Allowability Guidelines and Policies ("CCAGP") must be followed by a Consultant/Subconsultant's home office, division or other related entity that allocates costs to the Consultant/Subconsultant (see the CCAGP **A.5. Allocability of Costs**). These costs should be identified and agreed to in advance as to the amounts considered reasonable and allocable to ADOT contracts.

3. Overhead Rates by Type of Engineering Discipline or Specialty

Firms qualified to provide more than one engineering discipline or specialty must be able to substantiate separate overhead rates for each of the following disciplines:

- Construction Administration (CEI)
- Design
- Geotech
- Supplemental Services

4. Compensation for Personal Services

See CCAGP **B.31.205-6 Compensation for Personal Services**.

Compensation for personal services is normally the most significant element of indirect cost. The components of compensation for personal services should be identified and the amounts to be considered reasonable and allocable to ADOT contracts agreed to in advance.

In particular, the following elements of Compensation for Personal Services, if applicable, should be agreed to in advance:

- Both the reasonableness and allocability of compensation paid to partners, sole proprietors, or owners and family members of same, along with highly compensated employees.
- Allowability of bonuses. Under above reference, see 2. *Bonuses and incentive compensation*.

5. Cost of Money

If this item is requested, it must be properly proposed as a separate line item in the Derivation of Costs Proposal, and documented in accordance with 31.205-10. Also see FAR 31.201-1.

6. Bid and Proposal Costs (see FAR 31.205-18) and Selling/Marketing Costs (see FAR 31.205-38)

Bid and proposal costs and selling/marketing costs will be looked at carefully in the preaward review. Any unreasonable and/or unallocable costs being claimed will be disallowed. Adequate documentation will be expected for such claimed costs. Unallowable portions will be expected to be properly identified.

7. Other Direct Costs

It will be expected that Other Direct Costs (any expense/cost other than Direct Labor and Subconsultants) be included in the Overhead cost pool. If a Consultant/Subconsultant proposes Other Direct Costs, it will need to obtain prior approval of its accounting methods by ADOT's Office of Audit & Analysis—External Audit Team before it can include such costs in its Derivation of Costs Proposal submitted to ADOT's Engineering Consultants Section.

The list of incidental costs that follow should not be considered to be "all-inclusive". However, the items noted below are specific costs ADOT has identified as being onerous to deal with as Other Direct Costs. Most Consultants/Subconsultants already include such costs in Overhead cost pools.

- Audio/Video equipment and supplies, including VCRs and video cameras
- Cell phones
- Copy machines
- Densometer
- FAX
- Internet/electronic mail
- Mileage for company vehicles
- Office space considered to be "extra". (Exception is for Construction Administration field office.)
- Postage and/or Courier
- Survey supplies
- Telephone calls--both local and long distant

Additional points to consider:

- If a Consultant/Subconsultant does not have separate cost pools (for example CADD and Reproduction Costs), ADOT believes it will be very difficult to adequately substantiate such costs.
- Be aware that if the costs of specific services normally provided by a Consultant/Subconsultant are included in its Overhead Cost Pool, then any unexpected costs that may be incurred to provide those same services must be charged to an Overhead cost account. Any questions regarding this matter should be directed by ADOT's Office of Audit & Analysis—External Audit Team.

8. Incidental Costs Which Should Normally Be Charged Directly to the Contract

- Lease/rental of vehicles or other specialty equipment. (This cost should be substantiated by evidence of appropriate bidding including support for the bid accepted.)
- Mobilization of equipment.
- Travel and Lodging, including per diem, following ADOT's Travel Authorization Policy.
- Special reproduction costs provided by outside vendors

SECTION X
TERMS AND CONDITIONS

TRACS No.: 089 YV 324 H6701 01D
Project No.: SR 89, Center Street to
South Chino Limits

DESIGN CONSULTANT CONTRACT

This CONTRACT is made and entered into on _____, 20__ by and between the State of Arizona, Arizona Department of Transportation, Intermodal Transportation Division, acting by and through the Director, hereinafter called STATE, and

(Consultants Name and Address Inserted Here)

hereinafter called the CONSULTANT.

The Description and Location of the CONTRACT are as follows:

Description:

This a Construction Manager at Risk project to widen SR 89 to a four lane section with a raised curbed median.

Location:

SR 89, Center Street to South Chino Valley Limits
TRACS No. 089 YV 324 H6701 01D

RECITALS

1. The STATE desires that location and design plans be prepared for the above location following the Construction Manager at Risk process.
2. The CONSULTANT firm with its principals and employees is considered to be qualified and otherwise capable of performing the work required by this contract in the time allotted.
3. Therefore, pursuant to Arizona Revised Statutes, Section 28-6922 it is deemed to be in the public interest to enter into this contract.

AGREEMENT

Now, Therefore, in consideration of these premises and of the mutual clauses and agreements herein contained, and the faithful performance thereof, the CONSULTANT and the STATE contract and agree:

2.01 SCOPE OF WORK

The CONSULTANT shall perform engineering services for the satisfactory completion of the CONTRACT as detailed and described in the following Scope of Work dated _____, 20____ which is considered to be a part of this CONTRACT.

(Scope of Work Inserted Here)

3.01 CONTRACT SCHEDULE AND COMPLETION DATE

Work on the CONTRACT is scheduled to commence on _____. The estimated time of completion is _____ calendar days, but the consultant must continue to work until the construction project is complete and the consultant has finished all post design services requested by the department. The STATE assumes no liability for work performed or costs incurred prior to the beginning date or subsequent to the CONTRACT completion date. Extensions of time allowed for completing the CONTRACT may be granted under appropriate circumstances.

3.02 CONSULTANTS COMPENSATION - COSTS PLUS FIXED FEE

1. The Costs Plus Fixed fee method of compensation for CONSULTANT'S services shall be used.

- a. DESIGN

CONSULTANT'S total compensation for Design Services on the CONTRACT shall not exceed the sum of \$_____ plus approved adjustments, and shall consist of two parts:

- (1) The CONSULTANT'S total allowable costs incurred as hereinbelow defined which are estimated to be \$_____. Such costs shall not be exceeded without written approval.
 - (2) The fixed fee portion of the CONSULTANT'S compensation for rendering Design Services herein contemplated shall be \$_____.

- b. POST DESIGN SERVICES

CONSULTANT'S total compensation for Post Design Services on the CONTRACT shall not exceed the sum of \$_____ plus approved adjustments, and shall consist of two parts:

- (1) The CONSULTANT'S total allowable costs incurred as hereinbelow defined which are estimated to be \$_____. Such costs shall not be exceeded without written approval.
 - (2) The fixed fee portion of the CONSULTANT'S compensation for rendering Post Design Services herein contemplated shall be \$_____.

- c. TOTAL CONTRACT COMPENSATION FOR DESIGN AND POST DESIGN SERVICES

CONSULTANT'S total compensation for work on the CONTRACT shall not exceed the sum of \$_____ plus approved adjustments. Such costs shall not be exceeded without prior written approval.

2. "Costs" as used in this context shall be construed to mean the CONSULTANT'S actual, reasonable costs, subject to any limitation set forth in this CONTRACT, attributable and properly applicable to the conduct of the CONSULTANT'S business in the performance of this CONTRACT in accordance with procedures as set forth in Federal Acquisitions Regulations ., Costs for each subcategory (line item) shall not exceed the allowable rates as set forth on the DERIVATION OF COST PROPOSAL located in the SCOPE OF WORK section, Appendix_____ of the CONTRACT, or are approved by contract modification, as applicable. Such costs shall be allocated to the following categories and respective subcategories and may include, but are not necessarily limited to:

a. Direct Labor

Gross Salaries and/or wages paid to employees for work on the CONTRACT, for time actually spent by CONSULTANT'S employees in direct productive efforts. Regarding CONSULTANT'S employees who charge their time to projects, their non-project pay, such as holiday pay, vacation pay, or any other form of indirect pay which is included in the employees' gross wages, will not be charged as direct labor to the CONTRACT . Non-project pay considered to be an indirect cost under paragraph 3.02 2.b.(2). Also payments to individuals other than the CONSULTANT'S employees are specifically excluded from direct labor costs. Payment of premium overtime (i.e., time and a-half or double time, over and above the normal 40 hour work week) must have the prior written approval of the STATE. If payment of premium overtime is approved, it will be treated as Other Direct Costs.

b. Indirect Costs (Overhead)

- (1) Indirect costs are applicable to straight time portion of Direct Labor only, as defined in paragraph 3.02. 2. a.
- (2) Indirect labor which includes non-project pay to CONSULTANT'S employees who normally charge their time to projects, salaries and wages paid to support staff such as secretarial, clerical and custodial, plus managerial employees whose time is not considered chargeable project time to this CONTRACT or any other specific project of the CONSULTANT.
- (3) Payroll costs-taxes and fringe benefits such as matching funds or employer's contributions paid for employee's social security,

unemployment compensation, worker's compensation insurance, medical/dental life or disability insurance, pension plans, dependent care or medical expense reimbursement accounts, or similar employee benefits.

- (4) Normal operating costs, including but not limited to, reasonable office rental or depreciation expense, repairs, maintenance, parking, janitorial, supplies, telephone and utilities for CONSULTANT'S facilities unless specifically waived by the STATE.
- (5) Payment to the CONSULTANT for Indirect Costs shall be made pursuant to Federal Acquisition Regulations, Code of Federal Regulations, and ADOT Contract Cost Allowability Guidelines and Policies as of August 28, 1998. During the period of the CONTRACT, partial payments will include payments for indirect costs at a provisional rate established by the pre-negotiation review by the Audit and Analysis Office of the Department. The Negotiated Provisional overhead rate of _____% will be set until receipt of the Pre-Negotiation Audit Review. A contract modification will be executed to establish the Provisional overhead rate. The Overhead rate, Direct Expenses and Fee are subject to change pending Pre-Negotiation Audit Review. A one time redetermination adjustment in the total amount paid or to be paid on all payment reports shall be made to reflect the established overhead rate and any resulting additional payments, refunds, or credits shall be made promptly. The contract Notice to Proceed date will be the effective date for all redetermination of costs.
- (6) The CONSULTANT is responsible for identifying its costs as allowable and unallowable pursuant to Federal Acquisition Regulations and Code of Federal Regulations and any other mutually agreed upon policies or regulations. Within five months after the CONSULTANT'S fiscal year-end, the CONSULTANT will have properly accounted for its allowable Indirect Costs (Overhead) as set forth herein.
 - (a) If the actual Overhead rate is lower than the provisional rate used, the CONSULTANT must determine the difference on the progress billings previously paid by the STATE, and remit to the STATE the amount overpaid by the STATE no later than the end of the sixth month following its fiscal year-end. If the CONSULTANT fails to comply with this condition, a penalty of 20% of the over-paid amount will be assessed. If by the end of the sixth month the CONSULTANT has not remitted either the over-paid amount or the penalty thereon, interest of 1% per month will be charged on the unpaid amount until all amounts owing have been paid. Interest will cease to accrue should the combined amount of penalties and interest accumulate to a maximum of 33% of the amount over-paid by the STATE.
 - (b) If the actual Overhead rate is higher than the provisional rate used, the CONSULTANT may determine the amount of additional Overhead due and request payment of same. The payment request must be properly documented and certified by the Chief Financial Officer of the CONSULTANT. The maximum Overhead allowed, will be the CONSULTANT'S actual percentage for the fiscal year as determined by paragraph 3.02. 2.b.(6).

- (c) If the CONTRACT period exceeds one fiscal year of the CONSULTANT, the provisional rate should be modified to more correctly reflect the actual experience or anticipated experience of the CONSULTANT or any of its Subconsultants, if applicable. Either the STATE or the CONSULTANT may initiate the request to modify the provisional rate to prevent substantial overpayment or underpayment.

- (7) Upon completion of the CONTRACT, a final determination of Indirect Costs (Overhead) may be made based on an audit of financial records pursuant to paragraph 3.02.2.e.

c. Other Direct Costs

Direct expenses are for travel, subsistence, per diem, or other mutually agreed upon expenses of a non routine nature which can be identified directly to the CONTRACT. Out of State travel must have prior approval of the STATE.

Facilities Capital Cost of Money will be allowed when properly supported. The provisional rate for this contract is ____%.

d. Outside Services

Salaries and wages paid to individuals, other than the CONSULTANT'S employees, such as payments to other consultants, subconsultants, sub-contractors or vendors for engineering and professional services directly attributable to the CONTRACT.

e. Audit of CONSULTANT'S Business Operations and Financial Records

- (1) All costs billed to the STATE are subject to audit. The CONSULTANT, and all subcontractors or Subconsultants, shall allow the STATE auditors to perform an audit as deemed appropriate. Such an audit will take into consideration consistent application of Generally Accepted Accounting Principles and Contract Cost Principles and Procedures as set forth in Federal Acquisition Regulations.
 - (2) The CONSULTANT shall insert in each of its subcontracts the above requirement and also a clause requiring its Subconsultants to include the above requirement in any lower-tier subcontracts.
- 3. The STATE will pay the CONSULTANT in installments based upon Progress and Final Payment Reports and Work Hour Reports submitted by the Consultant. A summary of costs billed by category or subcategory, as required by ADOT, is to be included with the invoice. The Payment Reports shall show allowable costs incurred to date under the CONTRACT and the pro-rata portion of the fixed fee earned.
 - 4. Costs shall to be identified separately for each project number. Costs for each category must not exceed the amounts budgeted for those specific categories during the contract time frame without prior written approval of the STATE.
 - 5. The CONSULTANT shall submit a Monthly Progress Report in a format furnished by the STATE showing the status of the work and the degree of completion thereof.

6. The STATE will not withhold retention on progress payments. However, if satisfactory progress has not been made, the STATE may first retain a maximum of 10% of the current and subsequent billings, and secondly, the STATE may refuse to make full progress payment(s) of such sums which are considered necessary.
7. When all work is delivered, accepted and approved as complete by the STATE, the ADOT Office of Audit and Analysis may prepare a report showing allowable costs incurred. Preparation of this report may require an audit examination of the CONSULTANT'S records. This may also include an examination of subconsultants or subcontractors records.

During performance of progress or final audits, the allowability of direct costs will be contingent upon the CONSULTANT'S ability to demonstrate that these costs were excluded from the overhead cost pool.

8. Final payment or refund of overpayments will be made as soon as possible after 60 days from the date of acceptance of the audit findings by the STATE and the CONSULTANT.
9. In the event the STATE requires substantial changes in the scope, character or complexity of the work on the CONTRACT, the total compensation as well the fixed fee portion may be re-evaluated and adjusted to a greater or lesser amount by mutual agreement between the CONSULTANT and the STATE.
10. In the event this CONTRACT is terminated by the STATE as herein provided, the CONSULTANT may be paid all the allowable costs incurred, including mobilization and demobilization expense, plus that portion of the fixed fee earned to date of termination as determined by the STATE. Mobilization and demobilization expenses shall include only reasonable costs of marshalling personnel (and equipment if specifically provided for in the contract) for performing this work and of terminating employment of such personnel. No costs will be allowable in connection with termination of employment if incurred later than fifteen days after the date of termination. Costs will be determined as provided in the Federal Acquisition Regulations and may be verified by an audit.

4.01 CONSULTANT AND SUBCONSULTANT PAYMENT

The CONSULTANT shall submit invoices on a regular monthly basis in accordance with a timetable agreed to in contract negotiations. Invoices should be sent directly to ADOT Project Manager.

The CONSULTANT will submit invoices for work performed by its Sub-consultants even though the CONSULTANT may not have performed working during the preceding month.

On or before the seventh day after the STATE makes a progress payment to the CONSULTANT, the CONSULTANT shall pay the Sub-consultants for the work performed to the extent of each Sub-consultant's contractual interest in the progress payment.

4.02 CONTRACT MODIFICATIONS

1. Contract modifications, defining and limiting the terms of the contract and compensation, must be approved by the STATE, and shall be submitted in the form and format provided by the STATE. The CONSULTANT will be compensated only with prior written authorization by the STATE. Any administrative/technical costs associated with the preparation of said modifications are solely the responsibility of the CONSULTANT.

- a. Supplemental Agreements

Significant changes in the scope, character, or complexity of the work may be negotiated if it is mutually agreed that such changes are desirable and necessary. Such supplemental agreement(s) shall be made in writing, and it is expressly understood and agreed that no claim for extra work performed or materials furnished shall be made by the CONSULTANT until authorization to proceed is granted, in writing, by the STATE.

- b. Changes Orders

The STATE may at any time, by written order, and without notice to sureties, if any, make (or direct) changes within the general scope of this CONTRACT in the services to be performed.

4.03 DELAYS AND EXTENSIONS

The CONSULTANT agrees that no charges or claims for damages shall be made against the STATE for any delays or hindrances during the progress of this CONTRACT. Such delays or hindrances, if any, will be covered by an extension of time for such reasonable period as mutually agreed upon between the parties. It is agreed and understood, however, that permission to proceed with the CONTRACT after the established completion date, shall not be construed as a waiver by the STATE of any of its rights herein.

4.04 LATE SUBMITTAL OF INVOICE

Unless waived by the STATE, in writing, all invoices for work performed under this CONTRACT shall be submitted within 60 days from date of acceptance of the completed portion of the work performed.

4.05 PERFORMANCE EVALUATIONS

The CONSULTANT'S performance will be evaluated.

4.06 GENERAL COMPLIANCE WITH LAWS

The CONSULTANT shall comply with all Federal and State laws, and local ordinances and regulations.

4.07 LITIGATION

In the event of litigation between the CONSULTANT and the STATE involving this CONTRACT, the laws and decisions of the State of Arizona shall apply and any such litigation shall be commenced and prosecuted in the appropriate court of competent jurisdiction of the Federal or State Court System within the geographical boundaries of the State of Arizona.

4.08 DISPUTE ESCALATION (Administrative Review)

A written dispute escalation process will be utilized to resolve questions of fact during the course of this CONTRACT. The final determination will be made by the STATE.

4.09 ARBITRATION

The parties agree to use arbitration, after exhausting applicable administrative reviews, to resolve disputes arising out of this agreement where the sole relief sought is monetary damages of \$100,000, or less.

4.10 TERMINATION, POSTPONEMENT OR ABANDONMENT

1. The right is reserved by the STATE to terminate, indefinitely postpone work, or abandon the CONTRACT. The STATE may terminate this CONTRACT in any one of the following circumstances:
 - a. Failure of the CONSULTANT to perform the services as detailed herein and in any modifications to this CONTRACT.
 - b. Failure of the CONSULTANT to complete this CONTRACT within the time specified herein and in any modifications to this CONTRACT.
 - c. Failure of the CONSULTANT to comply with any of the terms of this CONTRACT.
 - d. When, for any reason, the STATE shall determine that such termination is in its best interest.
2. If the STATE contemplates termination under the provisions of paragraphs 1.a., 1.b., or 1.c. above, the CONSULTANT shall have five days in which to cure such failure. In the event the CONSULTANT does not cure such failure, the STATE may terminate the CONTRACT without further consideration.
3. If, after Notice of Termination of this CONTRACT under the provisions of 1.a., 1.b., or 1.c. of this clause, it is determined that the CONSULTANT was not in violation or default, the Notice of Termination shall be deemed to have been issued under the terms of 1.d. of this clause.
4. Termination shall be effected by delivery to the CONSULTANT of a Notice of Termination specifying whether termination is for default of the CONSULTANT or for the convenience of the STATE, the extent to which performance of the CONTRACT is terminated, and the date upon which such termination becomes effective.

5. In the event of termination, the STATE shall be liable to the CONSULTANT only to the extent and as provided in SECTION 3.02 (CONSULTANTS'S COMPENSATION) of this CONTRACT.
6. In the event this CONTRACT is terminated under the provisions of 1.a., 1.b., or 1.c., the STATE shall have the option of completing the CONTRACT, or entering into an agreement with another party for the completion of this CONTRACT according to the provisions and agreements herein. If the STATE exercises this option, all damages, costs and charges incurred by the STATE, together with the cost of completing the work under CONTRACT, will be deducted from any monies due or which may become due the CONSULTANT.

4.11 CANCELLATION OF STATE CONTRACTS

In accordance with Arizona Revised Statutes 38-511, the STATE may cancel any CONTRACT, without penalty or further obligation, made within three years after its execution if any person significantly involved in initiating, negotiating, securing, drafting or creating the CONTRACT on behalf of the STATE or any of its departments or agencies is, at any time while the CONTRACT or any extension of the CONTRACT is in effect, an employee of any other party to the CONTRACT in any capacity or a CONSULTANT to any other party of the CONTRACT with respect to the subject matter of the CONTRACT. The cancellation shall be effective when written notice from the STATE is received by all other parties to the CONTRACT unless the notice specifies a later time.

4.12 SUCCESSORS AND ASSIGNS

The CONSULTANT and all successors, executors, administrators and assigns of CONSULTANT'S interest in the work or the compensation herein provided shall be bound to the STATE to the full legal extent to which the CONSULTANT is bound with respect to each of the terms and agreements of this CONTRACT.

4.13 CONTINUING OBLIGATION

The CONSULTANT agrees that if because of death or any other occurrence it becomes impossible for any principal or employee of the CONSULTANT to render the services required under this CONTRACT, neither the CONSULTANT nor the surviving principals shall be relieved of any obligation to render complete performance. However, in such event, the STATE may terminate this CONTRACT if it considers the death or incapacity of such principal or employee to be a loss of such magnitude as to affect the CONSULTANT'S ability to satisfactorily complete the performance of this CONTRACT.

4.14 INSURANCE

1. Without limiting any liabilities or any other obligations of the CONSULTANT, the CONSULTANT shall provide and maintain the minimum insurance coverage listed below. Coverage will be provided with forms and insurers acceptable to ADOT and maintained at a minimum until obligations under this CONTRACT are satisfied.

- a. If applicable, Workmen's Compensation insurance to cover obligations imposed by Federal and State statutes having jurisdiction of its employees engaged in the performance of the services, and Employers' Liability insurance with a minimum limit of \$100,000.00. Evidence of qualified self-insured status may suffice for this section.
- b. Architects' and Engineers' Professional Liability insurance in the amount of \$1,000,000.00 each claim, with said coverage to remain in force and effect for a minimum of one year past ADOT's acceptance of the CONTRACT.
- c. Comprehensive General Liability insurance with a minimum combined single limit of \$1,000,000.00 each occurrence. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, contractors protective, products and completed operations. Said policy shall contain a severability of interest clause.
- d. Commercial Automobile Liability coverage with a combined single limit for bodily injury and property damage of not less than \$1,000,000.00 for all owned, leased, hired and non-owned vehicles. The State of Arizona and the Arizona Department of Transportation must be named as Additional Insureds and Certificate Holder on the policy.
- e. Valuable Papers insurance in an amount sufficient to assure the restoration of any documents, memoranda, reports, or other similar data relating to the work of the CONSULTANT used in the completion of this CONTRACT.
- f. The policy required by Sections c. and e. above shall be endorsed to include the STATE and ADOT, its agents and officials and employees as additional insureds and shall stipulate that the insurance afforded CONSULTANT shall be primary insurance and that any insurance carried by ADOT, its agents, officials or employees shall be excess and not contributory insurance to that provided by CONSULTANT.
- g. A certificate of insurance acceptable to ADOT shall be issued to ADOT prior to commencement of the CONTRACT as evidence that policies providing the required coverages, conditions and limits are in full force and effect. Such certificate shall contain provisions that coverage afforded under the policies will not be cancelled, terminated or materially altered until at least 30 days prior written notice has been given to ADOT.

4.15 INDEMNIFICATION - RESPONSIBILITY FOR CLAIMS AND LIABILITIES

For Professional Liability and For Other than Professional Liability

To the fullest extent permitted by law, the CONSULTANT shall indemnify and hold harmless the State of Arizona, its agents, representatives and employees from and against liability for loss or damage resulting from the negligence of the CONSULTANT, or any subconsultant, or anyone directly or indirectly employed by the CONSULTANT or any subconsultant, but only to the extent the loss or damage results from the negligence of the CONSULTANT, or any subconsultant, or anyone directly or indirectly employed by the CONSULTANT or any subconsultant.

4.16 ANTITRUST VIOLATIONS

The CONSULTANT and the STATE recognize that in actual economic practice, overcharges resulting from antitrust violations are in fact borne by Purchaser or ultimate user: in this case, the STATE. Therefore, CONSULTANT, acting as a Vendor, hereby assigns to the STATE any and all claims for such overcharges.

4.17 LIQUIDATED DAMAGES – Not applicable to this contract.

4.18 CONSULTANT'S RESPONSIBILITY

The CONSULTANT has total responsibility for the accuracy and correctness of plans and related data prepared under the terms of this CONTRACT, and shall check all such material accordingly for completeness, missing items, correct multipliers and consistency. The plans will be reviewed by ADOT for conformity with ADOT procedures and contract terms. Review by ADOT does not include detailed review or checking of design of major components and related details or the accuracy with which such designs are depicted on the plans.

4.19 ACCURACY OF WORK

Acceptance of the work by the STATE will not relieve the CONSULTANT of the responsibility for subsequent correction of any such errors and the clarification of any ambiguities. The CONSULTANT shall make all necessary revisions or corrections resulting from errors and omissions on the part of the CONSULTANT without additional compensation.

4.20 CONSULTANT'S ENDORSEMENT OF PLANS, AND OTHER WORK PRODUCTS

The CONSULTANT'S seal shall be endorsed and affixed to plans, reports and engineering data furnished under this CONTRACT, in accordance with the requirements of the Arizona State Board of Technical Registration.

4.21 PROFESSIONAL CONDUCT

The CONSULTANT shall comply with the provisions of A.C.R.R.4-30-301 (which is the official compilation of the Administrative Rules and Regulations for the State of Arizona), entitled Rules of Professional Conduct, Rules of the State Board of Technical Registration for Architects, Assayers, Engineers, Geologists, Landscape Architects and Land Surveyors, which are incorporated herein by reference and hereby made a part of the CONTRACT.

4.22 IMPROPER EXERCISE OF AUTHORITY

It is further understood and agreed that the CONSULTANT shall not in any way exercise any portion of the authority or powers of the State of Arizona, and shall not make a contract or commitment, or in any way represent itself as an agent of the State of Arizona beyond the scope of this CONTRACT unless expressly authorized, in writing, by the STATE.

4.23 CONFLICTS OF INTEREST

1. The CONSULTANT shall not engage the services on this CONTRACT of any present or former STATE employee who was involved as a decision maker in the selection or approval processes or who negotiated and/or approved billings or contract modifications for this CONTRACT.
2. The CONSULTANT agrees that no public or private interest exists and none shall be acquired directly or indirectly which would conflict in any manner with the performance of the CONTRACT.

4.24 ORGANIZATIONAL CONFLICTS OF INTEREST

No contract for the construction of a project shall be awarded to the firm that designed the project, or its subsidiaries, affiliates, the parent company or subconsultants, except with the written approval of the STATE.

4.24.1 CONSULTANT - CONTRACTOR CONFLICTS OF INTEREST

The CONSULTANT agrees that it shall not perform services on this project for the CMAR contractor, sub-contractor or any supplier other than as provided for in this contract.

The CONSULTANT shall not negotiate, contract, or make any agreement with the CMAR contractor, subcontractor or any supplier with regard to any of the construction work under this project, or any services, equipment or facilities to be used on this project.

4.25 ORGANIZATION EMPLOYMENT DISCLAIMER

1. The CONTRACT is not intended to constitute, create, give to, or otherwise recognize a joint venture agreement or relationship, partnership, or formal business organization of any kind, and the rights and obligations of the parties shall be only those expressly set forth in the CONTRACT.
2. The parties agree that no persons supplied by the CONSULTANT in the performance of CONSULTANT's obligations under the CONTRACT are considered to be STATE employees, and that no rights of State civil service, retirement or personnel rules accrue to such persons. The CONSULTANT shall have total responsibility for all salaries, wages, bonuses, retirement, withholdings, workmen's compensation, occupational disease compensation, unemployment compensation, other employee benefits and all taxes and premiums appurtenant thereto concerning such persons, and shall save and hold the STATE harmless with respect thereto.

4.26 NONPROCUREMENT DEBARMENT AND SUSPENSION

1. In accordance with 49 Code of Federal Regulations Part 29, and by signature on this CONTRACT, the CONSULTANT certifies its' compliance, and the compliance of any subconsultants or subcontractors present or future, by stating that any person associated therewith in the capacity of owner, partner, director, officer, principal investor, project director, manager, auditor, or any position of authority involving Federal Funds:

- a) is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal Agency;
- b) does not have a proposed debarment pending;
- c) has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal Agency within the past 3 years; and
- d) has not been indicted, convicted, or had a civil judgment rendered against the firm by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years as specified by 49 CFR paragraph 29.800.

Where the CONSULTANT or subconsultant is unable to certify to the statement in 4.26.1(a) above, the CONSULTANT or subconsultant will be declared ineligible to enter into CONTRACT or participate in the project.

Where the CONSULTANT is unable to certify to any of the statements as listed in 4.26.1 (b), (c) or (d), the CONSULTANT shall submit a written explanation to the STATE. The certification or explanation will be considered in connection with the STATE's determination whether to enter into CONTRACT.

2. The CONSULTANT shall provide immediate written notice to the Department if at any time the CONSULTANT or any subconsultants or subcontractors, present or future, learn that its Debarment and Suspension certification has become erroneous by reason of changed circumstances.

4.27 COVENANT AGAINST CONTINGENT FEES

The CONSULTANT warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this CONTRACT, and that he has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this CONTRACT. For breach or violation of this warranty, the STATE shall have the right to annul this CONTRACT without liability, or in its discretion, to deduct from the contract price or consideration, or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

4.28 SUBLETTING, ASSIGNMENTS AND TRANSFERS

The CONSULTANT firm was chosen to perform the work on this CONTRACT based upon training and qualifications of its members. Therefore, subletting, assignment or transfer of any work to subconsultants and lower tier subconsultants, unless approved in writing by the STATE prior to performance of work, is expressly prohibited.

4.29 SUBCONSULTANTS

1. The CONSULTANT may retain Subconsultants on an "as required" basis, provided that the Subconsultants selected, and the rates to be paid, are identified on each Subconsultant's DERIVATION OF COST PROPOSAL located in the SCOPE OF WORK section, Appendix ____ of the CONTRACT, or are approved by contract modification, or by Administrative Determination Letter, as applicable. All Subconsultants shall be required to follow the terms and conditions of this CONTRACT.

- a. Subconsultants' Compensation

Each Subconsultant will be expected to follow covenants set forth in 3.02 2. unless the subcontract is considered a Lump Sum by Task (fixed price) subcontract and not a Costs Plus Fixed Fee subcontract. However, with respect to 3.02 2.b.(5), the Indirect Costs (Overhead) rates for each Subconsultant, when applicable, will be the actual allowable overhead rate or the Negotiated Provisional rate stipulated in each Subconsultant's final DERIVATION OF COST PROPOSAL, as concurred with by the STATE. Each Subconsultant's actual allowable overhead rate or the negotiated provisional Overhead rate is separately determined and may not be the same rate as stipulated for the CONSULTANT.

- b. CONSULTANT'S Responsibility Regarding Subconsultant's Costs

The Subconsultant's allowable costs shall be governed by 3.02 2. The CONSULTANT shall monitor the billings received from the Subconsultants and ensure that all costs are documented and supported. Regarding Indirect Costs (Overhead), the CONSULTANT is responsible for determining that the Subconsultants comply with 3.02 2.b.(6) with respect to the actual allowable or negotiated provisional Overhead rates. The Overhead rates for Subconsultants are "actual allowable" or "negotiated provisional", and must be accounted for annually. A Subconsultant may not bill more than its actual allowable Overhead rate or the negotiated provisional Overhead rate. In the event any Subconsultant violates this subsection, the penalties set forth in 3.02 2.b.(6)(a) will be assessed to the CONSULTANT.

All costs of the Subconsultants are subject to audit unless waived by the STATE. The cost to the STATE for Subconsultants shall be in amounts equal to the actual allowable costs paid to the Subconsultants.

2. The volume of work performed by the Subconsultants shall not exceed 49% of the total contract value unless revised by the STATE.

4.30 SUBCONTRACTS

The CONSULTANT agrees to insert in all subcontracts the clauses hereof entitled "Civil Rights," "Affirmative Action," "Ownership of Documents," "Patents and Copyrights", "Anti Lobbying and Disclosure," and "Retention of Records". The CONSULTANT further agrees to insert in any Federal Aid subcontract exceeding \$100,000.00 the clause hereof entitled "Environmental Protection."

4.31 KEY PERSONNEL

Any substitution or transfer of personnel specifically identified in CONSULTANT'S proposal as assigned to the work of this CONTRACT shall be subject to prior written approval by the STATE.

4.32 EMPLOYMENT OF PERSONNEL OF PUBLIC AGENCIES

The CONSULTANT shall not engage the service of any person or persons then in the employ of the STATE for work covered by the terms of this CONTRACT without the prior written approval of the STATE.

4.33 ANTI-LOBBYING

1. The CONSULTANT agrees to comply with the provisions of Section 1352 of Title 31, U.S.Code (Public Law 101.121) as codified in Title 48, Federal Acquisition Regulations Subpart 3.8 and Subpart 52.203-11. The legislation prohibits federal funds from being expended by a recipient or any lower tier sub-recipients of a Federal contract, grant, loan, or cooperative agreement to pay any person for influencing or attempting to influence a Federal agency or Congress in connection with the award of any Federal contract, cooperative agreement, including the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement. All disclosure statements are to be furnished to the STATE.
2. The CONSULTANT agrees to require all subconsultants and lower tier subconsultants who have agreements exceeding \$100,000.00 to complete the Certification of Federal Contracts (ECS Form 90-1) and, when appropriate, the Disclosure of Lobbying Activities (ECS Form 90-3) prior to execution of the Consultant Contract with the STATE. Lower tier certifications are to be maintained by the CONSULTANT.

4.34 OWNERSHIP OF DATA

1. The CONSULTANT agrees to maintain (in sufficient detail as will properly reflect all work done and results achieved in the performance of this CONTRACT) tracings, plans, specifications and maps, basic survey notes and sketches, books, records, reports, research notes, charts, graphs, comments, computations, analyses, recordings, photographs, computer programs and documentation thereof, and other graphic or written data generated in connection with the work called for in the CONTRACT; all such information and documentation to be termed "Data" under this CONTRACT.
2. All Data procured hereunder for the work funded by ADOT shall become the property of ADOT and delivered to ADOT upon request, and shall not be used or released by the CONSULTANT or any other person except with the prior written approval of the STATE; provided however, that CONSULTANT shall not be required to retain any Data not requested by ADOT within five years from the date of final payment to the CONSULTANT hereunder; and provided further that until such delivery to ADOT the CONSULTANT agrees to permit representatives of ADOT and the Federal Highway Administration to examine and review at reasonable times all Data still in the possession of the CONSULTANT.

4.35 ADOT PRODUCTS

ADOT will provide the consultant with the ADOT developed software for the sole purpose of completing this contract, as set forth in the Site License Contract (which includes a detailed list of Software that will be provided to the consultant). The software is provided to the consultant solely for the purpose of completing this contract and for no other purposes. ADOT developed software including: manuals, electronic information, programs, and associated materials, remains the property of ADOT. Any use of this software for purposes other than the fulfillment of this contract is strictly prohibited. The consultant shall not copy the software or provide, distribute or demonstrate the software to other entities other than as provided in this contract. Upon completion of the contract or when otherwise notified by ADOT, the contractor will return all software, backup copies, manuals, electronic information and associated materials to ADOT.

4.36 RETENTION OF RECORDS

1. The CONSULTANT and any subconsultant/subcontractor/vendor shall keep and maintain all books, papers, records, accounting records, files, accounts, reports, costs proposals with backup data and all other material relating to the CONTRACT, and shall make all such material available at any reasonable time during the term of work on the CONTRACT and for five (5) years from the date of final payment to the CONSULTANT for auditing, inspection and copying upon the STATE'S request, or at the request of the Federal Highway Administration or any other authorized representative of the Federal Government.
2. The CONSULTANT shall insert in each of its subcontracts the above requirement and also a clause requiring its subconsultants to include the above requirement in any lower-tier subcontracts or purchase orders.

4.37 REVIEW AND INSPECTION

Representatives of the STATE and the Federal Highway Administration are authorized to review and inspect the CONTRACT activities and facilities during normal business hours.

4.38 PROPERTY OR EQUIPMENT

Except as otherwise provided in this CONTRACT, the lease, rental or purchase of property or equipment to perform the work herein described must have the prior written approval of the STATE. The control, utilization and disposition of property or equipment acquired using FEDERAL/STATE funds shall be determined by the STATE in accordance with the property management standards set forth in 49 CFR Part 18 , ADOT Manual - FIN 11.02, and Highways Division Policy and Implementation Memorandum No. 89-04.

4.39 CIVIL RIGHTS

1. The CONSULTANT is required to comply with Executive Order 75-5, "Non-discrimination in Employment by Government Contractors and Subcontractors," which is hereby included in its entirety by reference and considered a part of this CONTRACT.

2. The CONSULTANT is required to comply with Title VI of the Civil Rights Act of 1964, as amended. Accordingly, Title 49, Code of Federal Regulations and Title 23, Code of Federal Regulations are made applicable by reference and are hereinafter considered a part of this CONTRACT.
3. The CONSULTANT is required to comply with the provisions of Executive Order 11246, entitled "Equal Employment Opportunity," as amended by Executive Order 11375, and as supplemented in Department of Labor Regulations (41-CFR Part 60). Said provisions are made applicable by reference and are hereinafter considered a part of this CONTRACT.
4. The CONSULTANT shall post in conspicuous places available to employees and applicants for employment, the following notice:

It is the policy of this company not to discriminate against any employee, or applicant for employment, because of race, color, religion, creed, national origin, sex, age, handicapped, or disabled veterans and Vietnam era veterans. Such actions shall include, but are not limited to: employment, upgrading, demotion, transfer, recruitment, or recruitment advertising; laying-off or termination; rates of pay or other compensation; and selection for training, and on-the-job training. Also, it is the policy to insure and maintain a working environment free of harassment, intimidation and coercion.

4.40 AFFIRMATIVE ACTION

CONSULTANT shall take the following affirmative action steps with respect to securing supplies, equipment or services under the terms of this CONTRACT:

1. Include qualified firms owned by socially and economically disadvantaged individuals on solicitation lists.
2. Assure that firms owned by socially and economically disadvantaged individuals are solicited whenever they are potential sources.
3. When economically feasible, dividing total requirements into smaller tasks or quantities so as to permit maximum participation by firms owned by socially and economically disadvantaged individuals.
4. Where the requirement permits, establishing delivery schedules which will encourage participation by firms owned by socially and economically disadvantaged individuals.
5. Use the services and assistance of the Small Business Administration, the Office of Minority Business Enterprise of the Department of Commerce and the Community Services Administration as required.

4.41 PARTICIPATION BY DISADVANTAGED BUSINESS ENTERPRISES

The CONSULTANT is encouraged to utilize the participation of ADOT certified Disadvantaged Business Enterprises (DBE

The CONSULTANT must submit the DBE Participation Report to the Civil Rights Office by the 3rd Friday of each month. The report shall indicate the amount earned by and paid to each DBE working on the project for the preceding month.

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4.44 PUBLICATION PROVISIONS

The CONSULTANT shall provide annual, quarterly or monthly written progress reports requested by the STATE. Prior to completion of the CONTRACT, the CONSULTANT shall prepare a final report summarizing activities, conclusions, and recommendations in a form as prescribed by the STATE, and this report shall be a prerequisite for final payment. Publication rights to all reports are reserved by the STATE. The CONSULTANT shall not release information developed under the CONTRACT prior to publication, except upon written approval of the STATE.

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4.46 PATENTS AND COPYRIGHTS

All services, information, computer program elements, reports and other deliverables which may be patented or copyrighted and created under this CONTRACT are the property of the State of Arizona and shall not be used or released by the CONSULTANT or any other person except with the prior written approval of the STATE.

In Witness whereof the parties hereto have executed this agreement as of the day and year first herein written.

FOR THE STATE

ARIZONA DEPARTMENT OF TRANSPORTATION

Date

By: _____

Title

FOR THE CONSULTANT

FIRM NAME

Date

By: _____

Title